# **F** COVID-19 Vaccination Uptake in Ireland Weekly Report

Week 04 2023 (week ending Sunday 29th January 2023)

#### Key highlights of % uptake to date:

•	Primary Course Completed (PCC):	65+ years: 99.9%
	as % of population	12+ years: 95.3%
		5+ years: 87.6%
•	1 <sup>st</sup> Booster as % of PCC popln:	65+ years: 95.3%
		12+ years: 77.0%
•	2 <sup>nd</sup> Booster as % of PCC popln:	65+ years: 76.6%
		12+ years: 32.6%
•	3 <sup>rd</sup> Booster as % of PCC popIn:	65+ years: 44.5%
		12+ years: 9.7%

Data relating to vaccinations are continually being updated as vaccinations take place and data cleaning is undertaken.

Data presented here relate solely to data extracted from HSE COVID-19 Integrated Information Services (IIS) data lake environment at the specified time, includes dose numbers received abroad

Slides prepared by the Health Protection Surveillance Centre 30th January 2023

#### Background



Authorised COVID-19 vaccines in Ireland are

- Comirnaty (Pfizer/BioNTech)
- Spikevax (formerly COVID-19 Vaccine Moderna)
- Vaxzevria (formerly COVID-19 Vaccine AstraZeneca)
- COVID-19 Vaccine Janssen
- Novavax-Nuvaxovid
- The primary vaccination programme commenced in
  - December 2020 for adults
  - August 2021 for 12-17 year olds
  - January 2022 for 5-11 year olds
- Booster doses were administered
  - 1<sup>st</sup> Booster November 2021 for adults
  - 1<sup>st</sup> Booster March 2022 for 12-17 year olds
  - 2<sup>nd</sup> Booster April 2022 for adults
  - 3<sup>rd</sup> Booster October 2022 for adults

Further information on vaccines recommended by the National Immunisation Advisory Committee (NIAC) is located at NIAC website <u>covid19.pdf (hse.ie)</u>

#### **Methods for vaccination uptake calculation**

- Data were provided by HSE Office of the Chief Information Officer (OCIO) based on data in the IIS data lake environment
- Data presented includes COVAX (COVID-19 vaccination information system) registered vaccinations and GP and pharmacy administered vaccinations
- Overall population uptake is calculated based on CSO population estimates\* of 2021 (April 2021/H1)
  - n=4,963,363 total
  - n=4,634,508 for eligible 5+ year olds
  - n=4,152,710 for eligible 12+ year olds
  - n=3,745,527 for adults/18+ year olds
- Due to the estimated nature of the estimated total population sizes from the CSO in 2021 and some data quality issues a tolerance of + /- 2% should be applied to any age group uptake data
- Where county and/or age group calculation of estimated uptake exceeds 100% due to unidentified data quality issues or where the numerator exceeds the population estimate/denominator then the uptake will be rounded to 99.9% (unless otherwise indicated in the report)

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#### Definitions



- **Primary course completed =** The number of people over 5 years of age who have completed their primary course (fully vaccinated = two doses of two dose vaccine plan or one dose of a single Janssen vaccine, including those who are immunocompromised and have received an extra, third (primary) dose, in order to complete this course)
- **1st Booster Dose** = The number of individuals who have completed a primary course and have received a 1st booster dose (includes 5-11 year olds with weakened immune systems (from 15/08/2022))
- **2nd Booster Dose** = The number of individuals who have completed their primary course and have received their 2nd booster dose i.e. those who are
  - aged 65 years or older
  - $\circ$  immunocompromised and are 12 years of age or older
  - o aged 60-64 years (from 15/08/2022)
  - pregnant women at 16 weeks or later who have not already received a booster vaccine in their current pregnancy (from 15/08/2022)
  - aged 55-59 years (from 22/08/2022)
  - aged 50-54 years (from 29/08/2022)
  - aged 12-49 years who have an underlying medical condition or are residents of long-term care facilities (from 01/09/2022)
  - healthcare workers (from 01/10/2022)
- **3rd Booster Dose** = The number of individuals who have completed their primary course and have received their third booster dose (from 01/10/2022)

# **COVID-19 vaccination uptake of eligible population\* by age group and vaccination status**

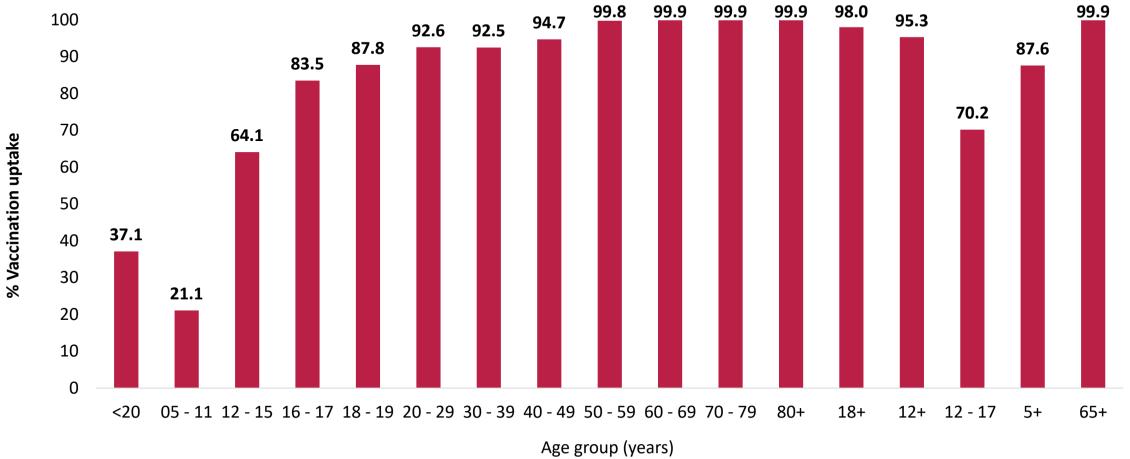
Age Group	Primary Course Completed Doses	CSO 2021 April 2021 Estimates	Primary Course Completed % Uptake	Booster1 Doses	Booster 1 % Uptake	Booster2 Doses	Booster 2 % Uptake	Booster3 Doses	Booster 3 % Uptake
65+yrs	819303	746357	99.9	780874	95.3	627382	76.6	364811	44.5
50+yrs	1705160	1630632	99.9	1573241	92.3	1009000	59.2	380463	22.3
18+yrs	3672068	3745527	98.0	2954829	80.5	1196006	32.6	384610	10.5
12-17yrs	285687	407182	70.2	94129	32.9	1684	0.6	34	0.0
12+yrs	3957755	4152710	95.3	3048958	77.0	1197690	30.3	384644	9.7
5+yrs	4059147	4634508	87.6	3049114	75.1	-	-	_	-

Where calculation of estimated uptake exceeds 100% due to unidentified data quality issues that the uptake will be rounded down to 99.9% §This is the same as the percentage of those who are fully vaccinated;

\*Percentage is based on the proportion of those who have completed their primary course treatment

Booster 1 doses not currently recommended for all 5-11 years of age unless immunocompromised and age group not currently being offered booster 2 and 3 doses

#### Percentage primary course completed uptake of eligible population\* by age group\*\*



Completed Primary Course as % of population\*

\*Based on CSO/HIU 2021 April 2021/H1 estimates.

\*\*Excludes vaccinations administered where age was not reported; Includes individuals resident in Northern Ireland and where county of residence was not reported Note: Where calculation of estimated uptake exceeds 100% due to unidentified data quality issues, the uptake will be rounded to 99.9%

#### Percentage COVID-19 vaccination uptake of eligible population\* for primary course completed by county of residence\*\* and age group



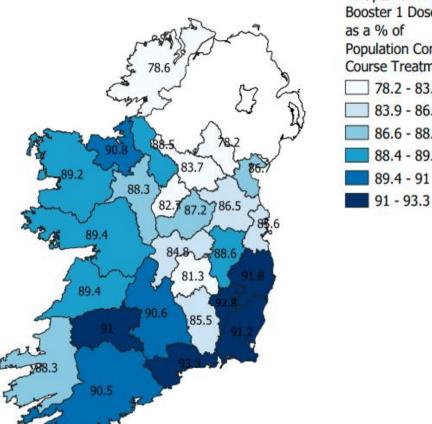
County of																
residence	5-11	12-15	16 - 17	18 - 19	20-29	30-39	40-49	50-59	60-69	70-79	80+	18+	12+	12-17	5+	65+
Carlow	20.9	70.6	91.6	99.3	99.9	94.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	77.3	92.8	99.9
Cavan	13.8	56.3	84.4	89.3	93.8	88.7	92.7	95.0	99.9	99.9	99.9	96.1	92.7	65.0	83.7	99.9
Clare	18.5	64.6	89.3	88.1	99.9	99.9	94.7	99.9	99.7	99.9	99.9	99.9	97.5	72.7	89.4	99.9
Cork	24.2	70.3	91.2	92.7	95.2	96.0	97.8	99.9	99.9	99.9	99.9	99.9	98.2	76.8	90.5	99.9
Donegal	8.2	43.5	66.7	76.2	85.3	86.0	85.8	90.9	93.0	99.9	99.9	91.1	86.8	50.9	78.6	99.9
Dublin	24.5	62.2	77.0	82.3	85.2	89.1	91.9	99.6	99.9	99.9	99.9	94.6	92.2	66.8	85.6	99.9
Galway	19.1	66.4	86.6	91.5	99.9	94.3	96.5	99.9	99.9	99.9	99.9	99.9	97.6	72.7	89.4	99.9
Kerry	18.6	67.7	86.8	88.8	95.7	92.0	95.5	98.1	98.4	99.9	99.9	97.7	95.5	73.9	88.3	99.9
Kildare	25.4	68.4	85.7	91.5	93.6	94.8	97.1	99.9	99.9	99.9	99.9	99.9	96.9	73.8	88.6	99.9
Kilkenny	22.7	67.6	84.3	88.1	95.9	89.4	89.5	95.7	98.3	99.9	99.9	95.3	93.0	72.9	85.5	99.9
Laois	19.1	63.3	82.3	90.3	90.9	80.3	90.1	95.5	98.5	99.9	99.9	92.3	89.6	69.1	81.3	99.9
Leitrim	11.4	59.8	86.4	88.9	98.3	97.0	95.3	98.6	98.6	99.9	99.9	99.9	97.4	68.3	88.5	99.9
Limerick	22.5	67.1	85.7	90.7	98.4	99.0	97.0	99.9	99.9	99.9	99.9	99.9	98.7	72.9	91.0	99.9
Longford	11.2	51.1	75.8	84.1	89.5	86.7	91.6	97.8	97.4	99.9	99.9	95.8	91.8	58.8	82.7	99.9
Louth	17.3	61.0	86.3	88.2	94.2	90.3	93.0	99.9	99.9	99.9	99.9	98.6	95.4	69.0	86.7	99.9
Mayo	13.2	58.7	83.0	90.4	99.9	99.5	98.1	97.6	99.7	99.9	99.9	99.9	97.5	66.6	89.2	99.9
Meath	21.6	67.0	86.2	87.3	97.2	94.2	94.6	99.9	99.9	99.9	99.9	98.6	95.5	72.9	86.5	99.9
Monaghan	8.9	49.5	78.0	78.8	89.9	80.4	85.1	89.5	94.3	99.9	99.9	90.5	87.1	58.2	78.2	99.9
Offaly	17.9	63.5	81.4	88.8	87.8	89.0	95.5	97.3	99.3	99.9	99.9	95.8	93.0	69.2	84.8	99.9
Roscommon	16.3	62.6	88.7	88.1	99.9	94.5	96.5	95.5	99.9	99.9	99.9	99.5	96.6	71.0	88.3	99.9
Sligo	18.2	67.1	88.2	93.8	90.4	99.9	99.9	99.6	99.9	99.9	99.9	99.9	98.8	73.7	90.8	99.9
Tipperary	18.5	65.0	86.9	90.2	99.1	96.4	97.2	99.9	99.9	99.9	99.9	99.9	98.9	72.1	90.6	99.9
Waterford	20.3	65.2	87.2	92.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	72.2	93.3	99.9
Westmeath	17.6	59.3	82.0	86.0	92.3	91.6	95.8	99.9	99.9	99.9	99.9	99.1	95.7	66.4	87.2	99.9
Wexford	20.6	66.2	87.5	92.7	98.5	96.6	97.4	99.9	99.9	99.9	99.9	99.9	99.4	73.0	91.2	99.9
Wicklow	25.9	72.6	89.6	90.9	94.8	97.5	99.9	99.9	99.9	99.9	99.9	99.9	99.8	77.8	91.8	99.9
Total*	20.5	64.1	83.5	87.8	92.6	92.5	94.7	99.8	99.9	99.9	99.9	98.0	95.3	70.2	87.6	99.9

\*Based on CSO/HIU 2021 April 2021/H1 estimates.

\*\*Excludes vaccinations administered where age was not reported; Includes individuals resident in Northern Ireland and where county of residence was not reported Note: Where calculation of estimated uptake exceeds 100% due to unidentified data quality issues, the uptake will be rounded to 99.9%

#### Percentage COVID-19 vaccination uptake of eligible population\* for primary course completed by county of residence among those 5+ years of age \*\*





% Uptake Among 5+ yr olds Booster 1 Dose Received as a % of Population Completed Primary Course Treatment 78.2 - 83.9 83.9 - 86.6 86.6 - 88.4 88.4 - 89.4 89.4 - 91

#### \*Based on CSO/HIU 2021 April 2021/H1 estimates \*\*Excludes individuals resident in Northern Ireland or where county of residence was not reported

#### **Percentage COVID-19 1<sup>st</sup> booster vaccination uptake of eligible**

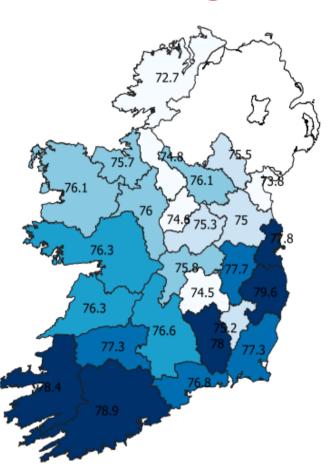
population\* by county of residence\*\* and age group

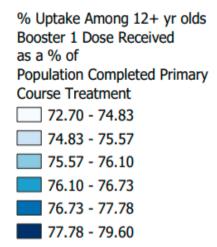
County of residence5-1112-1516-1718-1920-2930-3940-4950-5960-9970-7980+12+12+12-175465+Carvan0.821.745.658.666.476.787.593.296.493.079.876.131.174.795.0Clare0.119.742.859.561.266.877.687.093.296.493.076.329.077.887.678.935.676.895.767.887.595.767.887.576.895.767.887.987.676.393.096.493.080.577.887.678.576.895.576.895.767.678.287.987.678.576.895.576.877.786.693.980.577.887.775.695.565.778.987.577.786.793.087.778.687.795.693.779.777.887.977.987.977.787.977.787.977.977.877.775.695.577.977.777.777.777.777.977.977.777.777.977.777.777.977.977.777.777.777.977.977.777.777.977.977.777.777.777.777.777.777.777.777.777.777.777.777.777.777.																	
Cavan 0.8 21.7 45.3 60.2 59.5 66.2 78.2 87.6 93.2 96.4 93.0 79.8 76.1 31.1 74.7 95.0   Clare 0.1 19.7 42.8 59.5 61.2 66.8 77.6 87.0 93.2 96.2 92.0 80.3 76.3 93.0 74.7 95.1   Donegal 0.5 16.4 35.0 47.1 51.8 60.0 72.6 83.3 90.8 94.4 92.2 75.9 75.3 22.7 74.2 95.3 95.5   Dublin 0.1 12.4 45.8 61.4 60.9 79.2 81.8 94.4 92.5 93.5 77.8 37.3 73.4 93.7 75.6 95.7   Galway 0.1 12.8 45.8 61.6 63.4 70.9 80.8 93.7 93.7 93.7 83.8 83.7 93.7 93.6 83.7 93.7 93.7 83.8 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7	County of residence	<b>5-11</b> §	12-15	16 - 17	18 - 19	20-29	30-39	40-49	50-59	60-69	70-79	80+	18+	12+	12-17	5+	65+
Clare Cork0.19.142.859.561.266.87.687.093.296.292.980.37.6.329.07.6.395.1Cork Cork0.326.451.467.567.77.281.189.394.096.493.682.57.8.335.67.6.395.3Donegal0.516.485.047.151.863.394.096.693.980.57.7.837.77.5095.2Galway0.129.452.661.664.47.1.17.9.488.494.196.693.980.57.7.837.77.5095.7Galway0.127.651.764.663.47.0.980.995.597.493.781.87.8.439.795.491.4Kildare0.127.651.764.663.47.0.980.995.491.497.582.17.8.783.77.983.795.491.47.8.783.783.77.592.793.783.7	Carlow	0.1	20.2	45.6	58.6	59.1	66.4	76.7	87.5	93.6	96.9	94.5	79.1	75.2	29.8	73.4	95.7
Cork 0.3 26.4 51.4 67.5 66.7 72.2 81.1 89.3 94.0 94.6 82.5 78.9 35.6 76.8 93.3   Donegal 0.5 16.4 35.0 47.1 51.8 60.0 72.6 83.3 90.8 94.4 92.2 75.9 72.7 24.2 71.9 93.5   Galway 0.1 129.4 45.8 61.4 60.9 69.3 79.2 87.3 92.9 96.5 93.5 79.9 76.3 29.5 74.6 93.7 94.1 96.7 93.3 81.8 78.4 31.9 95.7 74.6 93.7 94.1 95.7 94.7 93.7 83.6 75.8 95.7 75.8 95.7 95.0 82.1 78.0 83.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 97.8 93.8 94.2 95.0 82.1 78.0 83.1 78.0 83.1 78.0 83.1 78.0 83.1 78.0 83.1 78.0 83.1 78.0 78.0 78.0	Cavan	0.8	21.7	45.3	60.2	59.5	66.2	78.2	87.6	93.2	96.4	93.0	79.8	76.1	31.1	74.7	95.0
Donegal Dublin 0.5 16.4 35.0 47.1 51.8 60.0 72.6 83.3 90.8 94.4 92.2 75.9 72.7 24.2 71.9 93.3   Dublin 0.1 29.4 52.6 61.6 64.4 71.1 79.4 88.4 94.1 96.6 93.3 80.5 77.8 37.7 75.6 95.5   Galway 0.1 19.8 45.8 61.4 60.9 80.3 92.9 92.5 93.3 81.8 78.4 33.9 76.9 75.7 63.3 79.9 75.7 76.3 27.5 76.3 27.5 76.3 27.4 95.4 95.4 97.4 93.7 81.6 77.7 76.3 75.7 95.0 82.1 77.5 95.0 82.1 77.5 95.0 82.1 77.5 95.0 82.1 77.5 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.8 93.8 94.6 93.8 94.6 93.8 94.2 73.8 73.8 73.8 73.8 73.8 73.8 </th <th>Clare</th> <th>0.1</th> <th>19.7</th> <th>42.8</th> <th>59.5</th> <th>61.2</th> <th>66.8</th> <th>77.6</th> <th>87.0</th> <th>93.2</th> <th>96.2</th> <th>92.9</th> <th>80.3</th> <th>76.3</th> <th>29.0</th> <th>74.7</th> <th>95.1</th>	Clare	0.1	19.7	42.8	59.5	61.2	66.8	77.6	87.0	93.2	96.2	92.9	80.3	76.3	29.0	74.7	95.1
Dubin 0.1 29.4 52.6 61.6 64.4 71.1 79.4 88.4 94.1 96.6 93.9 80.5 77.8 37.7 75.6 95.7   Galway 0.1 19.8 45.8 61.4 60.9 69.3 79.2 87.3 92.9 95.5 93.5 79.9 76.3 29.5 74.6 95.9 95.4 95.1 95.6 93.5 77.9 48.1 96.6 93.2 77.7 36.3 75.4 95.9 95.4 91.4 78.5 95.0 82.1 78.0 30.7 75.8 96.2   Kilkenny 0.3 20.9 47.6 62.6 63.7 76.6 87.3 94.2 95.6 93.3 80.7 77.8 30.7 75.8 96.2   Laois 0.3 167 33.5 51.9 55.7 60.2 76.0 78.9 87.8 93.8 95.4 91.4 78.8 78.8 78.3 87.9 93.7 80.2 77.3 32.5 75.4 95.1   Longford 0.0 2.2	Cork	0.3	26.4	51.4	67.5	66.7	72.2	81.1	89.3	94.0	96.4	93.6	82.5	78.9	35.6	76.8	95.3
Galway 0.1 19.8 45.8 61.4 60.9 69.3 79.2 87.3 92.9 96.5 93.5 79.9 76.3 29.5 74.6 95.4   Kerry 0.0 25.2 48.1 59.9 60.6 69.4 79.1 87.7 94.1 96.7 93.3 81.8 78.4 33.9 76.9 95.4   Kilkenny 0.3 20.9 47.6 62.6 63.9 69.5 77.6 87.3 94.2 95.6 93.2 78.9 74.5 29.1 74.6 95.6   Laois 0.3 20.4 44.4 58.2 59.7 60.2 77.6 87.3 94.2 96.6 93.2 78.9 74.8 23.5 73.8 94.6 95.4 91.4 78.8 74.8 23.5 73.8 94.6 93.8 95.4 91.4 78.8 74.5 23.5 73.8 94.6 91.4 78.8 74.7 78.3 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 75.6	Donegal	0.5	16.4	35.0	47.1	51.8	60.0	72.6	83.3	90.8	94.4	92.2	75.9	72.7	24.2	71.9	93.3
Kerry 0.0 25.2 48.1 59.9 60.8 69.4 79.1 87.7 94.1 96.7 93.3 81.8 78.4 33.9 76.9 95.4   Kildare 0.1 27.6 51.7 64.6 63.4 70.9 80.9 90.8 95.5 97.4 93.7 81.6 77.7 36.3 75.1 96.4   Kilkarny 0.3 20.9 47.4 62.6 63.9 69.5 77.6 87.3 94.2 96.6 93.2 78.4 73.5 97.4 93.4   Laois 1.03 16.7 33.5 51.9 55.7 60.2 74.6 86.8 93.9 95.4 91.4 78.8 74.8 23.5 73.8 94.6   Limerick 0.1 23.4 48.0 64.5 55.9 64.2 75.1 85.5 94.7 96.3 94.6 73.5 74.6 22.6 73.4 95.1   Louth 0.2 24.4 45.5 55.6 75.7 86.4 92.5 95.8 92.6 79.7 76.1	Dublin	0.1	29.4	52.6	61.6	64.4	71.1	79.4	88.4	94.1	96.6	93.9	80.5	77.8	37.7	75.6	95.5
Kildare 0.1 27.6 51.7 64.6 63.4 70.9 80.9 90.8 95.5 97.4 93.7 81.6 77.7 36.3 75.1 96.2   Kilkenny 0.3 20.9 47.6 62.6 63.9 69.5 77.8 89.3 94.7 97.5 95.0 82.1 78.0 30.7 75.8 96.2   Laois 0.3 20.4 44.4 55.1 95.7 60.3 77.6 87.3 94.2 96.6 93.2 78.8 74.8 29.1 73.8 29.1 73.8 94.2 96.6 93.2 97.4 93.7 87.8 93.8 94.2 96.6 93.2 78.8 78.1 93.7 74.6 20.1 73.5 29.1 73.8 93.8 94.2 93.3 94.2 94.6 93.7 74.6 23.5 73.8 94.2 94.3 94.2 94.3 94.2 93.3 94.2 94.3 94.2 93.3 94.7 73.4 83.1 17.1 83.7 93.8 94.2 93.3 94.7 93.3	Galway	0.1	19.8	45.8	61.4	60.9	69.3	79.2	87.3	92.9	96.5	93.5	79.9	76.3	29.5	74.6	95.1
Kilkenny 0.3 20.9 47.6 62.6 63.9 69.5 79.8 89.3 94.7 97.5 95.0 82.1 78.0 30.7 75.8 96.2   Laois 0.3 20.4 44.4 58.2 59.7 66.3 77.6 87.3 94.2 96.6 93.2 78.9 74.5 29.1 72.4 95.6   Leitrim 0.3 16.7 33.5 51.9 55.7 60.2 74.6 88.8 93.8 95.4 91.4 78.8 78.8 73.8 31.5 75.4 95.1   Lingford 0.0 14.9 34.0 64.5 63.7 60.2 75.1 85.8 93.8 94.7 77.4 73.8 31.1 72.0 95.9   Louth 0.2 2.2.4 44.5 53.6 65.1 76.0 86.4 92.5 95.8 92.6 73.7 75.8 32.3 75.9 93.3 94.7 77.4 73.8 31.1 72.0 95.9   Mayo 0.1 2.4.1 46.8 58.7 63.2	•	0.0	25.2	48.1	59.9	60.8	69.4	79.1	87.7	94.1	96.7	93.3	81.8	78.4	33.9	76.9	
Laois 0.3 20.4 44.4 58.2 59.7 66.3 77.6 87.3 94.2 96.6 93.2 78.9 74.5 29.1 72.4 95.6   Leitrim 0.3 16.7 33.5 51.9 55.7 60.2 74.6 86.8 93.9 95.4 91.4 78.8 74.8 23.5 73.8 94.6   Limerick 0.1 23.4 48.0 64.5 63.3 76.0 78.9 87.8 93.8 96.6 93.3 80.7 77.3 32.5 73.4 95.9   Lougford 0.0 1.49 34.0 64.8 55.9 66.2 75.1 85.7 92.9 96.3 94.7 77.4 73.8 31.1 72.2 95.6   Mayo 0.2 22.4 44.5 55.5 65.1 76.7 86.4 92.5 95.8 92.6 79.7 76.1 25.4 75.0 93.7 94.8 97.3 93.8 79.3 75.0 32.3 77.7 95.7 95.7 95.7 95.7 95.7 95.7	Kildare	0.1	27.6	51.7	64.6	63.4	70.9	80.9	90.8	95.5	97.4	93.7	81.6	77.7	36.3	75.1	96.4
Leitrim 0.3 16.7 33.5 51.9 55.7 60.2 74.6 86.8 93.9 95.4 91.4 78.8 74.8 23.5 73.8 94.6   Limerick 0.1 23.4 48.0 64.5 63.7 69.0 78.9 87.8 93.8 96.2 93.3 80.7 77.3 32.5 75.4 95.9   Longford 0.0 14.9 34.0 46.8 54.9 65.3 76.0 85.6 94.7 96.3 94.6 78.5 74.6 22.6 73.4 95.9   Louth 0.2 22.4 44.5 53.6 55.9 64.2 75.1 85.7 92.9 96.3 94.7 77.4 73.8 31.1 72.7 95.6   Mayo 0.1 24.1 46.8 58.7 59.3 66.6 77.8 88.9 94.8 97.3 93.8 79.3 75.0 32.3 72.7 95.9   Monaghan 0.0 16.0 41.1 52.7 56.9 63.2 77.4 86.5 93.4 96.59	Kilkenny	0.3	20.9	47.6	62.6	63.9	69.5	79.8	89.3	94.7	97.5	95.0	82.1	78.0	30.7	75.8	96.2
Limerick Longford0.123.448.064.563.769.078.987.893.896.293.380.777.332.575.495.1Longford0.014.934.046.854.965.376.085.694.796.394.678.574.622.673.495.9Lotth0.222.444.553.655.964.275.185.792.996.394.777.473.831.172.295.6Mayo0.116.139.054.458.759.366.677.888.994.897.393.879.375.132.776.132.776.132.796.6Meath0.116.041.152.756.963.277.888.294.897.393.879.375.823.274.595.495.7Monaghan0.016.041.152.756.963.277.488.294.893.796.492.279.875.829.274.195.0Roscommon0.215.839.053.458.765.877.486.593.496.593.780.176.025.175.495.795.726.375.726.375.79	Laois	0.3	20.4	44.4	58.2	59.7	66.3	77.6	87.3	94.2	96.6	93.2	78.9	74.5	29.1	72.4	95.6
Longford0.014.934.046.854.965.376.085.694.796.394.678.574.622.673.495.9Louth0.222.444.553.655.964.275.185.792.996.394.777.473.831.172.295.6Mayo0.216.139.054.458.565.176.786.492.595.892.679.776.125.475.094.5Meath0.124.146.858.759.366.677.888.994.897.393.879.375.032.372.796.1Monaghan0.016.041.152.756.963.277.888.294.396.492.279.875.526.374.695.4Offaly0.519.645.353.465.763.277.486.593.496.492.279.875.726.374.695.7Bigo0.617.241.955.358.567.177.486.190.295.993.375.726.374.695.7Silgo0.617.241.955.358.567.177.486.190.295.993.376.630.075.726.374.695.7Silgo0.617.245.358.567.177.486.993.396.593.480.376.831.675.	Leitrim	0.3	16.7	33.5	51.9	55.7	60.2	74.6	86.8	93.9	95.4	91.4	78.8	74.8	23.5	73.8	
Louth0.222.444.553.655.964.275.185.792.996.394.777.473.831.172.295.6Mayo0.216.139.054.458.565.176.786.492.595.892.679.776.125.475.094.5Meath0.124.146.858.759.366.677.888.994.897.393.879.375.032.372.796.1Monaghan0.016.041.152.756.963.277.888.294.396.094.079.275.526.374.595.0Offaly0.519.645.461.260.464.978.488.493.796.492.279.875.726.374.695.0Roscommon0.215.839.053.458.765.877.486.593.496.593.476.726.374.695.3Silgo0.617.241.955.358.567.177.486.190.295.375.726.374.293.9Tipperary0.220.944.358.760.766.477.486.693.496.693.480.376.630.075.095.375.726.374.295.9Waterford0.322.745.959.761.068.777.987.694.496.793.679.0 </th <th></th> <th>32.5</th> <th></th> <th></th>															32.5		
Mayo 0.2 16.1 39.0 54.4 58.5 65.1 76.7 86.4 92.5 95.8 92.6 79.7 76.1 25.4 75.0 94.5   Meath 0.1 24.1 46.8 58.7 59.3 66.6 77.8 88.9 94.8 97.3 93.8 79.3 75.0 32.3 72.7 96.1   Monaghan 0.0 16.0 41.1 52.7 56.9 63.2 77.8 88.2 94.3 96.0 94.0 79.2 75.5 26.3 74.1 95.0   Offaly 0.5 19.6 45.4 61.2 60.4 64.9 78.4 88.4 93.7 96.4 92.2 79.8 75.8 26.3 74.1 95.0   Roscommon 0.2 15.8 39.0 53.4 58.7 65.8 77.4 86.1 90.2 93.3 75.7 26.3 74.1 93.9   Jigo 0.6 17.2 41.9 55.3 58.5 67.1 77.4 86.1 90.2 93.3 95.3 80.3	Longford			34.0			65.3	76.0	85.6			94.6	78.5	74.6	22.6		
Meath 0.1 24.1 46.8 58.7 59.3 66.6 77.8 88.9 94.8 97.3 93.8 79.3 75.0 32.3 72.7 96.1   Monaghan 0.0 16.0 41.1 52.7 56.9 63.2 77.8 88.2 94.3 96.0 94.0 79.2 75.5 26.3 74.5 95.4   Offaly 0.5 19.6 45.4 61.2 60.4 64.9 78.4 88.4 93.7 96.4 92.2 79.8 75.8 29.2 74.1 95.0   Roscommon 0.2 15.8 39.0 53.4 58.7 65.8 77.4 86.5 93.4 91.3 79.5 75.7 26.3 74.6 93.3   Sligo 0.6 17.2 41.9 55.3 58.5 67.1 77.4 86.1 90.2 93.3 79.5 75.7 26.3 74.2 93.9   Mitterford 0.3 2.2.7 45.9 59.7 61.0 68.7 77.9 87.6 94.4 96.7 93.4 80.3 </th <th>Louth</th> <th></th> <th></th> <th>44.5</th> <th>53.6</th> <th></th> <th>64.2</th> <th></th> <th>85.7</th> <th></th> <th>96.3</th> <th>94.7</th> <th>77.4</th> <th>73.8</th> <th>31.1</th> <th>72.2</th> <th></th>	Louth			44.5	53.6		64.2		85.7		96.3	94.7	77.4	73.8	31.1	72.2	
Monaghan0.016.041.152.756.963.277.888.294.396.094.079.275.526.374.595.4Offaly0.519.645.461.260.464.978.488.493.796.492.279.875.829.274.195.0Roscommon0.215.839.053.458.765.877.486.593.496.593.780.176.025.174.695.3Sigo0.617.241.955.358.567.177.486.190.295.379.575.726.374.293.9Tipperary0.220.944.358.760.766.477.486.190.295.393.376.630.075.026.374.293.9Waterford0.322.745.959.761.068.777.987.693.396.693.480.376.831.675.226.375.226.375.226.375.326.3 <th>-</th> <th></th> <th>76.1</th> <th>25.4</th> <th>75.0</th> <th></th>	-													76.1	25.4	75.0	
Offaly0.519.645.461.260.464.978.488.493.796.492.279.875.829.274.195.0Roscommon0.215.839.053.458.765.877.486.593.496.593.780.176.025.174.695.3Sligo0.617.241.955.358.567.177.486.190.295.993.379.575.726.374.293.9Tipperary0.220.944.358.760.766.477.486.993.796.593.480.376.630.075.095.295.2Waterford0.322.745.959.761.068.777.486.993.796.593.480.376.630.075.295.095.2Westmeath0.018.240.155.357.665.777.987.694.496.793.691.481.277.330.575.595.9Wesford0.320.247.160.861.167.179.287.694.896.894.181.277.330.575.595.9Wicklow0.128.254.167.072.081.690.796.097.194.483.576.637.577.296.4Northern Ireland*0.00.050.083.354.168.380.580.383.699	Meath																
Roscommon0.215.839.053.458.765.877.486.593.496.593.780.176.025.174.695.3Sligo0.617.241.955.358.567.177.486.190.295.993.379.575.726.374.293.9Tipperary0.220.944.358.760.766.477.486.993.796.593.480.376.630.075.726.374.295.3Waterford0.322.745.959.761.068.778.187.693.396.693.480.376.831.675.295.795.7Westmeath0.018.240.155.357.665.777.987.694.496.793.679.075.326.773.695.7Wexford0.320.247.160.861.167.179.287.694.496.793.679.075.326.773.695.9Wicklow0.128.254.167.065.072.087.694.496.793.488.579.637.526.773.695.9Wicklow0.128.254.167.065.072.087.690.796.097.194.483.579.637.573.237.573.294.9Null*0.00.050.083.354.168.380.3	-														and the second		
Sligo0.617.241.955.358.567.177.486.190.295.993.379.575.726.374.293.9Tipperary0.220.944.358.760.766.477.486.993.796.593.480.376.630.075.726.374.293.9Waterford0.322.745.959.761.068.778.187.693.396.693.480.376.831.675.295.0Westmeath0.018.240.155.357.665.777.987.694.496.793.679.075.326.773.695.7Wesford0.320.247.160.861.167.179.287.694.496.793.679.075.326.773.695.7Wesford0.320.247.160.861.167.179.287.694.496.793.679.075.326.773.695.9Wicklow0.128.254.167.065.072.081.690.796.097.194.483.579.637.577.296.4Northern Ireland*0.00.050.083.354.168.380.580.399.999.973.773.337.573.273.273.273.273.273.273.273.273.273.273.261.9Null*- <th>Offaly</th> <th></th>	Offaly																
Tipperary0.220.944.358.760.766.477.486.993.796.593.480.376.630.075.095.2Waterford0.322.745.959.761.068.778.187.693.396.693.480.376.831.675.295.0Westmeath0.018.240.155.357.665.777.987.694.496.793.679.075.326.773.695.7Wexford0.320.247.160.861.167.179.287.994.896.894.181.277.330.575.595.9Wicklow0.128.254.167.065.072.081.690.796.097.194.483.579.637.575.295.9Northern Ireland*0.00.050.083.354.168.380.580.374.165.654.752.852.50.052.561.9																	
Waterford0.322.745.959.761.068.778.187.693.396.693.480.376.831.675.295.0Westmeath0.018.240.155.357.665.777.987.694.496.793.679.075.326.773.695.9Wexford0.320.247.160.861.167.179.287.994.896.894.181.277.330.575.595.9Wicklow0.128.254.167.065.072.081.690.796.097.194.483.579.637.577.296.4Northern Ireland*0.00.050.083.354.168.380.580.374.165.654.752.852.50.052.561.9	Sligo														26.3	74.2	
Westmeath 0.0 18.2 40.1 55.3 57.6 65.7 77.9 87.6 94.4 96.7 93.6 79.0 75.3 26.7 73.6 95.5   Wexford 0.3 20.2 47.1 60.8 61.1 67.1 79.2 87.9 94.8 96.8 94.1 81.2 77.3 30.5 75.5 95.9   Wicklow 0.1 28.2 54.1 67.0 65.0 72.0 81.6 90.7 96.0 97.1 94.4 83.5 79.6 30.5 75.5 95.9   Northern Ireland* 0.0 0.0 50.0 83.3 54.1 68.3 80.5 80.3 83.6 99.9 99.9 73.7 73.3 37.5 73.2 99.9   NUL* - 0.0 0.0 20.0 30.4 34.2 53.8 50.3 74.1 65.6 54.7 52.8 52.5 0.0 52.5 60.0 52.5 61.9																	
Wexford 0.3 20.2 47.1 60.8 61.1 67.1 79.2 87.9 94.8 96.8 94.1 81.2 77.3 30.5 75.5 95.9   Wicklow 0.1 28.2 54.1 67.0 65.0 72.0 81.6 90.7 96.0 97.1 94.4 83.5 79.6 37.5 77.2 96.4   Northern Ireland* 0.0 0.0 50.0 83.3 54.1 68.3 80.5 80.3 83.6 99.9 99.9 73.7 73.3 37.5 73.2 99.9   NULL* - 0.0 0.0 20.0 30.4 34.2 53.8 50.3 74.1 65.6 54.7 52.8 52.5 0.0 52.5 61.9	Waterford								87.6						31.6		
Wicklow 0.1 28.2 54.1 67.0 65.0 72.0 81.6 90.7 96.0 97.1 94.4 83.5 79.6 37.5 77.2 96.4   Northern Ireland* 0.0 0.0 50.0 83.3 54.1 68.3 80.5 80.3 83.6 99.9 99.9 73.7 73.3 37.5 73.2 99.9   NUL* - 0.0 0.0 20.0 30.4 34.2 53.8 50.3 74.1 65.6 54.7 52.8 52.5 0.0 52.5 0.0 52.5 61.9																	
Northern Ireland*   0.0   0.0   50.0   83.3   54.1   68.3   80.5   80.3   83.6   99.9   99.9   73.7   73.3   37.5   73.2   99.9     NULL*   -   0.0   0.0   20.0   30.4   34.2   53.8   50.3   74.1   65.6   54.7   52.8   52.5   0.0   52.5   61.9																	
NULL* - 0.0 0.0 20.0 30.4 34.2 53.8 50.3 74.1 65.6 54.7 52.8 52.5 0.0 52.5 61.9																	
		0.0											•				
Total incl NI, Null County*   0.2   24.2   47.7   60.7   62.2   69.2   78.9   88.0   93.9   96.5   93.5   80.5   77.0   32.9   75.1   95.3		-															
	Total incl NI, Null County*	0.2	24.2	47.7	60.7	62.2	69.2	78.9	88.0	93.9	96.5	93.5	80.5	77.0	32.9	75.1	95.3

\* Uptake is based on the proportion who have completed their primary course treatment \*\*Includes individuals resident in Northern Ireland and where county of residence was not reported Where calculation of estimated uptake exceeds 100% due to unidentified data quality issues or where the numerator exceeds the population estimate/denominator, the uptake has been rounded to 99.9%

### Percentage COVID-19 vaccination uptake of eligible population\* for 1<sup>st</sup> booster by county of residence among those 12+ years of







\* Uptake is based on the proportion who have completed their primary course treatment \*\*Excludes individuals resident in Northern Ireland or where county of residence was not reported

#### Percentage COVID-19 2<sup>nd</sup> booster vaccination uptake of eligible

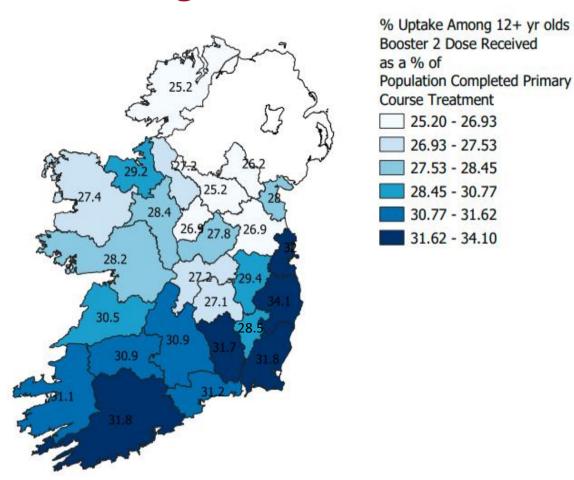
population\* by county of residence\*\* and age group

P+P+														
County of residence	12-15	16 - 17	18 - 19	20-29	30-39	40-49	50-59	60-69	70-79	80+	18+	12+	12-17	65+
Carlow	0.4	1.1	3.8	4.4	7.0	12.4	35.4	60.4	78.8	76.8	30.9	28.5	0.7	75.6
Cavan	0.2	0.9	1.4	2.8	4.6	7.8	26.3	52.3	75.1	73.2	27.2	25.2	0.5	71.1
Clare	0.4	0.9	4.0	4.1	7.6	11.9	36.1	60.6	78.8	74.7	33.0	30.5	0.6	75.6
Cork	0.5	1.4	4.7	5.8	10.6	15.8	41.4	64.9	81.3	77.5	34.4	31.8	0.8	78.2
Donegal	0.2	0.6	1.9	2.7	4.4	7.3	24.1	47.7	67.3	67.7	26.8	25.2	0.4	64.7
Dublin	0.3	1.0	4.8	6.2	11.7	17.1	45.1	68.5	84.0	79.4	34.1	32.0	0.6	80.8
Galway	0.3	0.9	3.2	4.3	8.9	12.1	34.5	57.7	78.4	75.7	30.3	28.2	0.5	74.5
Kerry	0.3	1.1	2.9	3.9	8.0	11.3	33.3	59.0	78.1	74.3	33.5	31.1	0.6	74.6
Kildare	0.4	0.9	4.8	5.3	10.7	14.6	42.0	66.6	83.2	77.8	32.1	29.4	0.6	80.0
Kilkenny	0.4	0.9	3.6	4.6	8.7	13.3	40.6	62.4	83.2	78.2	34.4	31.7	0.6	78.9
Laois	0.2	0.5	2.3	4.3	8.1	12.0	35.2	59.5	79.9	77.1	29.8	27.1	0.3	75.8
Leitrim	0.2	0.5	3.1	2.9	4.9	7.9	28.5	49.5	70.1	64.7	29.3	27.2	0.3	65.7
Limerick	0.4	1.3	4.2	4.6	9.0	13.8	38.2	63.6	81.0	76.6	33.2	30.9	0.7	77.6
Longford	0.3	0.3	2.0	3.1	6.1	8.9	27.1	51.8	76.2	74.6	29.0	26.9	0.3	72.0
Louth	0.2	0.8	2.8	3.8	7.4	11.6	33.9	59.6	77.6	75.5	30.3	28.0	0.5	74.7
Мауо	0.3	0.8	2.1	3.4	6.0	8.8	26.5	49.5	71.6	71.0	29.3	27.4	0.5	67.9
Meath	0.3	1.1	3.3	4.3	8.4	11.5	36.4	62.0	79.7	76.2	29.6	26.9	0.6	76.2
Monaghan	0.2	0.6	1.8	2.9	4.0	8.4	29.0	51.8	73.0	71.8	28.1	26.2	0.4	69.4
Offaly	0.2	0.3	2.8	3.6	6.4	10.9	31.4	57.6	76.7	72.6	29.6	27.2	0.2	73.1
Roscommon	0.4	0.8	2.5	3.1	6.2	9.8	29.0	52.6	76.4	73.3	30.7	28.4	0.6	72.0
Sligo	0.4	0.9	3.6	4.0	7.5	12.1	31.3	52.8	75.3	72.5	31.4	29.2	0.6	70.6
Tipperary	0.4	1.1	3.6	4.2	7.2	11.5	34.5	59.9	80.2	77.4	33.3	30.9	0.7	76.5
Waterford	0.5	1.1	3.3	4.7	8.9	14.0	38.5	61.8	79.8	76.8	33.5	31.2	0.7	76.1
Westmeath	0.2	0.8	2.5	4.2	6.9	11.3	33.4	57.2	78.4	73.9	29.9	27.8	0.4	73.9
Wexford	0.4	1.0	3.3	4.0	7.4	11.7	38.8	65.0	80.7	76.7	34.3	31.8	0.6	77.8
Wicklow	0.3	1.3	5.8	6.6	12.3	16.3	45.3	67.8	84.2	79.2	37.2	34.1	0.7	80.8
Northern Ireland*	0.0	0.0	16.7	3.9	8.9	14.6	28.7	43.6	84.0	83.3	21.1	20.9	0.0	82.9
NULL*	0.0	0.0	10.0	7.2	10.9	30.8	46.2	69.8	49.8	63.6	44.2	44.0	0.0	60.6
Total incl NI, Null County*	0.3	1.0	3.8	5.0	9.5	13.9	38.4	62.1	80.0	76.4	32.6	30.3	0.6	76.6

\* Uptake is based on the proportion who have completed their primary course treatment \*\*Includes individuals resident in Northern Ireland and where county of residence was not reported Where calculation of estimated uptake exceeds 100% due to unidentified data quality issues or where the numerator exceeds the population estimate/denominator, the uptake has been rounded to 99.9%

## Percentage COVID-19 vaccination uptake of eligible population\* for 2<sup>nd</sup> booster by county of residence among those 12+ years of

age\*\*



\* Uptake is based on the proportion who have completed their primary course treatment \*\*Excludes individuals resident in Northern Ireland or where county of residence was not reported

#### Percentage COVID-19 3<sup>rd</sup> booster vaccination uptake of eligible

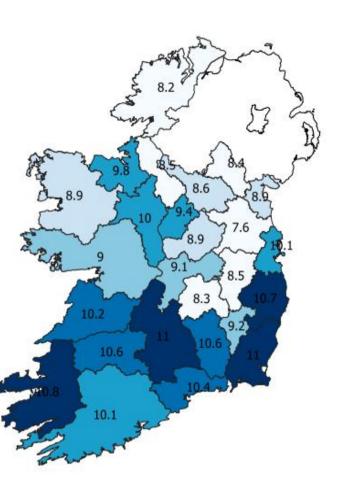
population\* by county of residence\*\* and age group



\* Uptake is based on the proportion who have completed their primary course treatment \*\*Includes individuals resident in Northern Ireland and where county of residence was not reported Where calculation of estimated uptake exceeds 100% due to unidentified data quality issues or where the numerator exceeds the population estimate/denominator, the uptake has been rounded to 99.9% hpsc

# Percentage COVID-19 vaccination uptake of eligible population\* for 3<sup>rd</sup> booster by county of residence among those 12+ years of

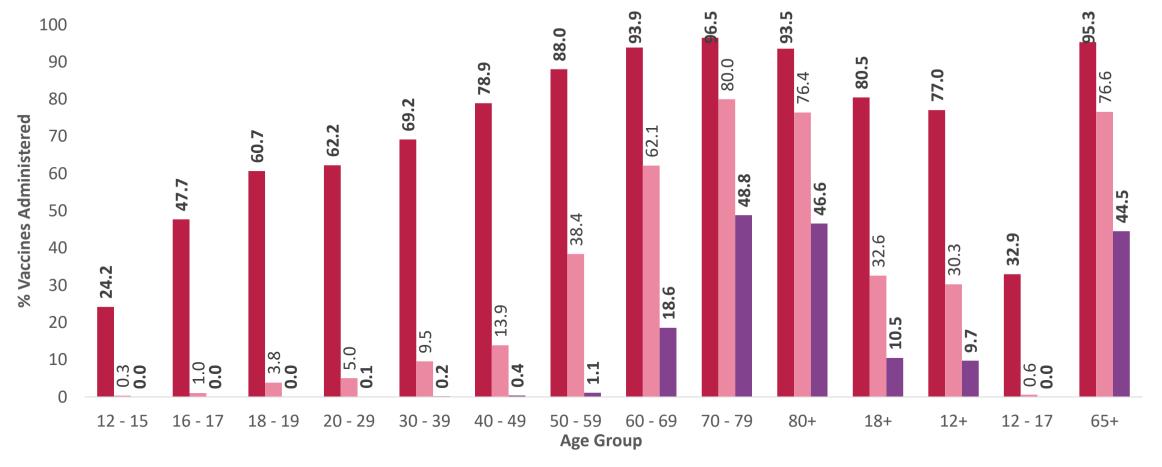




% Uptake Among 12+ yr olds Booster 3 Dose Received as a % of Population Completed Primary Course Treatment 7.60 - 8.50 8.50 - 8.90 8.90 - 9.30 9.30 - 10.10 10.10 - 10.60 10.60 - 11.00

\* Uptake is based on the proportion who have completed their primary course treatment \*\*Excludes individuals resident in Northern Ireland or where county of residence was not reported

#### Percentage booster 1, 2 and 3 uptake of primary course completed population\* by age group\*\*



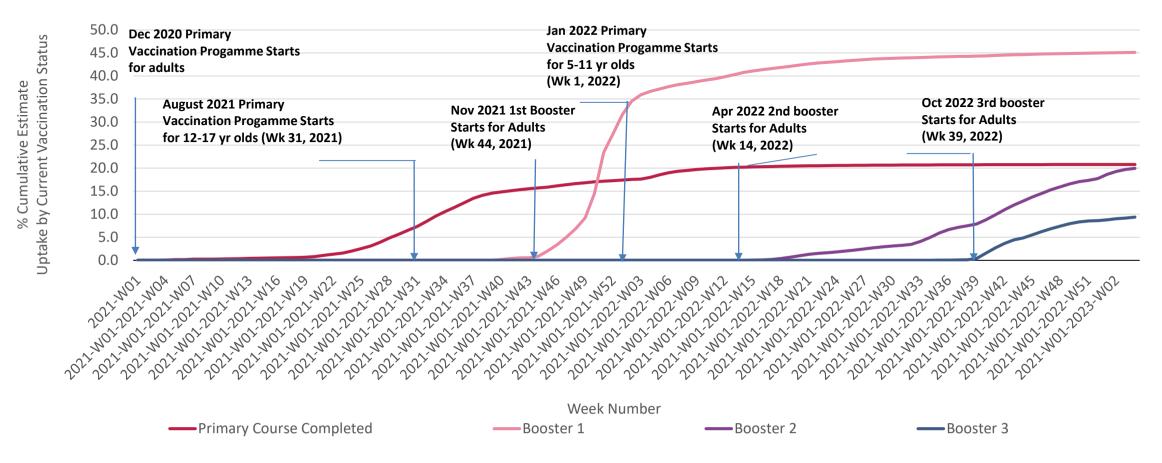
Booster1 as % of Popln Completed Primary Course Treatment\*

Booster2 as % of Popln Completed Primary Course Treatment\*

\*\*Excludes vaccinations administered where age was not reported; Includes individuals resident in Northern Ireland and where county of residence was not reported Note: Where calculation of estimated uptake exceeds 100% due to unidentified data quality issues, the uptake will be rounded to 99.9% hps

#### Cumulative weekly uptake of most recent vaccination dose by booster vaccination status among registered and vaccinated individuals who have completed their primary course treatment





Primary course completed (see vaccination status definition)

Percentages based on where last date vaccination date is known

Percentage PCC uptake based on CSO/HIU 2021 April 2021/H1 estimates

Percentage booster doses 1, 2, 3 uptake based on those population who have completed their primary course treatment only

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